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(71) Applicant:

YOSHITOMI PHARMACEUT IND

(72) Inventor:

KONISHI MITSUHIRO TANAKA HIROSHI **OSUGE KUNIO** HAGA KEIICHIRO

## (54) BUTANE COMPOUND AND SALT THEREOF AND PHARMACEUTICAL USE THEREOF

## (57) Abstract:

NEW MATERIAL:A compound expressed by formula I [R<sup>1</sup> is H, halogen, lower alkyl, lower alkoxy or  $-NHCO(CH_2)_mCOOR^4$  (R<sup>4</sup> is H, lower alkyl or aralkyl; m is 0 or 1); R<sup>2</sup> is H, lower alkyl or aralkyl; R<sup>3</sup> is H, lower alkyl, phenyl, aralkyl, etc.; Het is pyridyl, quinolyl, etc.; a, b, c and d are H or a and b or c and d are bonded to form single bond; n is 0 or 1] and salt thereof.

## EXAMPLE:

2-[(E,E)-4-(4-Ethoxalylaminophenyl)-1,3-bitadienyl]pyridi ne hydrochloride.

PREPARATION: A compound expressed by formula II (X is halogen) is subjected to Wittig reaction with a compound expressed by formula III to give a compound expressed by formula IV, which is then reduced to afford an aniline derivative. The aniline derivative is reacted with a compound expressed by formula V to provide the compound expressed by formula I.

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